|     | Index of Claims |          |           |                |         |         |          |                 |              |          |          |   |               | Application No. |                |           |           |   |              |             |          |            | Applicant(s)    |          |               |          |          |                |              |     |  |
|-----|-----------------|----------|-----------|----------------|---------|---------|----------|-----------------|--------------|----------|----------|---|---------------|-----------------|----------------|-----------|-----------|---|--------------|-------------|----------|------------|-----------------|----------|---------------|----------|----------|----------------|--------------|-----|--|
|     |                 |          |           |                |         |         |          |                 |              |          |          |   |               | 1               | 10/615,273     |           |           |   |              |             |          |            |                 |          | WALTON ET AL. |          |          |                |              |     |  |
|     |                 |          |           |                |         |         |          |                 |              |          |          |   |               |                 | Examiner       |           |           |   |              |             |          |            |                 |          | Art Unit      |          |          |                |              |     |  |
|     |                 |          |           |                |         |         |          |                 |              |          |          |   |               |                 |                |           |           |   |              |             |          |            |                 |          |               |          |          |                |              |     |  |
|     |                 |          |           |                |         |         |          |                 |              |          |          |   |               |                 | Igor Kershteyn |           |           |   |              |             |          |            |                 |          | 3745          |          |          |                |              |     |  |
|     |                 |          |           |                |         |         | _        | ,               |              |          |          |   |               |                 |                | _         |           |   |              | _           |          | 7          |                 |          |               |          |          | _              |              |     |  |
|     | √ Rejected      |          |           |                |         |         |          |                 | _            | (1       | hrou     | ıgh r   | ume           | ral)            |                |           |           | No  | n-Elected    |             | ted      |            | A               | Appeal   |               |          |          |                |              |     |  |
|     |                 |          |           |                |         |         |          | ]               |              | Cancell  |          |   | led           |                 |                |           | N         |   |              |             |          |            |                 |          |               |          | -        | 4              |              |     |  |
|     |                 |          | =         | Al             | low     | ed      |          | ı               | ÷            | R        |          | estricted                                       |               |                 |                |           |           | Int   | erf          | erei        | nce      |            | o               | c        | )bje          | ecte     | d        |                |              |     |  |
|     | L               |          |           |                |         |         | ال       | l               |              |          |          |   |               |                 |                |           |           |   |              |             |          |            | Ш               |          |               |          |          |                |              |     |  |
| [   | Claim           |          |           | Date           |         |         |          |                 |              | Claim    |          |   |               |                 | Date           |           |           | <u> </u>  |              |             | Claim    |            | ı               | Date     |               |          |          |                | 1            |     |  |
| ŀ   |                 |          |           |                |         |         | Ť        |                 | П            | -        |          |   |               |                 |                | Ť         | T         | <del>                                      </del> |              |             |          |            | $\sqcap$        |          | Τ.            |          | Ī        |                | Т            | 1   |  |
| İ   | Final           | Original | 9/29/04   |                |         |         |          |                 |              |          | Final    | Original  |               |                 |                |           |           |   |              |             | Final    | Original   |                 |          | 1             |          |          |                |              |     |  |
|     | ΙĒ              | Ö        | 9/2       |                |         |         |          |                 |              |          | ╽╙       | \ <u>\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\</u> |               |                 | ŀ              |           |           |   |              | ٠           | ፲፫       | Ö          |                 |          |               |          |          |                |              | :   |  |
| ŀ   |                 | 1        | v         | $\dashv$       | +       | +       | +        | $\Box$          | $\dashv$     | 5.5      |          | 51  |               | $\vdash$        |                | 7         | $\dashv$  | - -   | +            |             | -        | 101        | H               | +        | +             |          |          | $\top$         | $\top$       | 1   |  |
|     |                 | 2        | ٧         |                |         |         |          |                 |              | 7        |          | 52  |               |                 |                | $\dashv$  | $\Box$    |   |              | ]           |          | 102        |                 |          | $oxed{\Box}$  |          | $\Box$   | $\Box$         | $\perp$      | ]   |  |
| }   |                 | 3        | V<br>V    | $\dashv$       | +       | ╁       | ╀        | H               | $\dashv$     | - '      | -        | 53<br>54  |               | +               |                | +         | +         |   | +            | - 1         | -        | 103<br>104 | <del>  </del>   | +        | +             |          |          | +              | +            | -   |  |
| İ   |                 | 5        | 0         | 十              | +       | +       | $\vdash$ | $\Box$          | $\dashv$     | _        | -        | 55  |               | $\vdash$        |                | 7         | $\dashv$  | +   | +            | -           | <b>-</b> | 105        | H               |          | T             |          |          | 十              | 1            | 1   |  |
|     |                 | 6        | ٧         |                |         |         |          | П               |              |          |          | 56  |               |                 |                |           |           |   | I            | ]           |          | 106        |                 |          |               |          |          | $\blacksquare$ |              | ]   |  |
| -   |                 | 7<br>8   | 0<br>V    | $\dashv$       | +       | ╁       | ╁        | $\vdash$        | -            | En       |          | 57<br>58  | <u> </u>      | $\vdash$        | +              | $\dashv$  | +         | +   | +            | -           | -        | 107<br>108 | $\vdash$        |          | ╁             | Н        | $\dashv$ | +              | +-           | -   |  |
| ŀ   |                 | 9        | v         | 寸              | $\top$  | 1       | T        |                 | 寸            |          |          | 59  |               | П               | 十              | 寸         | $\dashv$  | $\dashv$  |              |             |          | 109        |                 | $\top$   | +             |          |          |                |              | _   |  |
| [.  |                 | 10       | ٧         | $\Box$         |         | L       | _        |                 |              |          |          | 60  |               |                 |                | $\Box$    |           | $\perp$   |              | 19          |          | 110        |                 |          |               |          |          | 1              | <u> </u>     | ]   |  |
| -   |                 | 11<br>12 | v<br>v    | $\dashv$       | +       | +       | $\vdash$ | Н               | $\dashv$     | -        |          | 61<br>62  |               | ╫               | $\dashv$       | $\dashv$  | $\dashv$  | +   | +            | 2.          | -        | 111        | $\vdash$        | +        | +             | Н        |          |                |              | -   |  |
| t   |                 | 13       | v         | $\dashv$       |         | +       | +        | $\Box$          |              |          |          | 63  | <del></del>   |                 |                | $\dashv$  | $\dashv$  | +   | +            |             |          | 113        | $\Box$          | $\top$   | T             |          |          | _              | <del>-</del> | 1   |  |
| [   |                 | 14       | ٧         |                |         |         |          | П               | _            |          |          | 64  |               | $\square$       |                |           | 4         |   |              | ]-          |          | 114        |                 | -        | <del> </del>  |          | _        | 4              | -            | ]   |  |
| F   |                 | 15<br>16 | 0         | +              | +       | +       | $\vdash$ | H               | $\dashv$     | $\dashv$ |          | 65<br>66  |               | H               | $\dashv$       | ł         | +         | +   | +            | +           |          | 115<br>116 | Н               | _        | -             | H        |          | +              | ╁            | -   |  |
| Į   |                 | 17       |           |                |         |         |          |                 | 士            |          |          | 67  |               |                 |                |           |           |   |              |             |          | 117        |                 |          |               |          |          |                | 1            | 1   |  |
| -   |                 | 18<br>19 |           | _              | _       | ╁       | -        |                 | 4            | _ ``     |          | 68<br>69  | $\sqcup \bot$ | $\sqcup$        | 4              |           | _         | _   | $\bot$       | -           | <u> </u> | 118        | $\sqcup$        |          | +             |          | _        | _              | +            | 4   |  |
|     |                 | 20       | $\vdash$  | $\dashv$       | +       | +       | +        | $\vdash$        | +            | -        | -        | 70  | $\vdash$      | H               | $\dashv$       | +         | +         | +   | +            |             | $\vdash$ | 120        | $\vdash$        | +        | 1             | Н        | $\dashv$ | $\dashv$       | ╁            | 1   |  |
| [   |                 | 21       |           | コ              |         |         |          |                 | 耳            |          |          | 71  |               |                 |                | 1         |           | $\perp$   | ightharpoons | 4.3         |          | 121        |                 |          |               |          |          |                | 上            | ]   |  |
|     |                 | 22<br>23 | $\square$ | $\dashv$       | +       | +       | -        |                 |              | 6.       | -        | 72<br>73  |               | -               | _              | 4         | 4         | +   | +            |             |          | 122<br>123 | $\sqcup$        | $\dashv$ | ╄             |          |          | +              | +            | 4   |  |
| ŀ   |                 | 24       | $\vdash$  | $\dashv$       | ╁       | +       | $\vdash$ |                 | $\dashv$     | $\dashv$ |          | 74  |               | +               | +              | $\dashv$  | +         | +   | +-           | -           | _        | 124        | H               | +        | ╁             | Н        | $\dashv$ | $\dashv$       | +            | -   |  |
| . [ |                 | 25       |           | $\Box$         | 1.      |         |          |                 |              |          |          | 75  |               |                 |                |           |           |   |              | 1.          |          | 125        |                 |          |               |          |          |                |              | ]   |  |
| 1   |                 | 26<br>27 |           | +              | -       | +       |          |                 |              | 4        |          | 76<br>77  |               | $\vdash$        | +              | 4         | $\dashv$  | _   | +            | -{          |          | 126<br>127 | $\vdash$        | - -      | ╁             | Н        |          |                | +            | 4   |  |
| ŀ   |                 | 28       | $\dashv$  | _              |         | +       | $\vdash$ | $\vdash$        | $\dashv$     | -        |          | 78  |               | $\vdash \vdash$ |                | $\dashv$  | $\dashv$  |   | ╁            |             |          | 128        | $\vdash$        | +        | +-            | Н        |          | +              | +            | -   |  |
| [   |                 | 29       |           |                |         | $\perp$ |          |                 | $\Box$       |          |          | 79  |               |                 | $\Box$         | 1         |           | #   | I            |             |          | 129        |                 |          |               |          |          |                | 1            | ]   |  |
| F   |                 | 30<br>31 | $\vdash$  | $\dashv$       | +       | +-      | -        | $\vdash$        | $\dashv$     | -        | <u> </u> | 80<br>81  |               | $\vdash$        | +              | +         | -         | +   | +            | ١           | <u> </u> | 130<br>131 | $\vdash$        | +        | $\vdash$      | Н        | $\dashv$ | +              | -            | -   |  |
| .   |                 | 32       |           | 1              | +       | Ť       |          | $\vdash$        | _            | 1        |          | 82  |               | Н               | $\dashv$       | 7         | _         | 十   | ╁            | - 1         | _        | 132        | $\vdash$        | _        | 1             | Н        |          | $\dashv$       | +            | 1   |  |
|     |                 | 33       |           |                | 1.      | 1       |          |                 | $\Box$       |          |          | 83  |               |                 |                | $\Box$    |           |   | T            |             |          | 133        |                 |          |               |          |          | $\perp$        |              | ]   |  |
| -   |                 | 34<br>35 | $\dashv$  |                | +       | +       | -        | H               | $\dashv$     | -        | -        | 84<br>85  |               |                 | +              | +         | +         |   | ╁            | 77.0        |          | 134<br>135 | $\vdash$        |          | -             | $\vdash$ | -        |                |              | 4   |  |
|     |                 | 36       |           | $\top$         | $\top$  |         |          | $\Box$          | 十            |          |          | 86  |               |                 | _              | +         |           |   | $\pm$        | 2 5         |          | 136        | H               |          |               | П        | $\dashv$ | $\dashv$       | 1            |     |  |
| [   |                 | 37       |           | $\Box$         | $\perp$ | 1       | $\Box$   |                 | $\Box$       |          |          | 87  |               |                 | $\Box$         | $\Box$    | $\Box$    | 4   | Ţ            | 6 # 5<br>20 |          | 137        | П               |          |               |          | $\Box$   | $\Box$         | $\perp$      | ]   |  |
|     |                 | 38<br>39 | $\dashv$  | +              | +       | +       | H        | $\vdash \vdash$ | +            | - "      | <u> </u> | 88<br>89  | -             | H               | +              | +         | +         | +   | +            | - W.        |          | 138<br>139 | $\vdash \vdash$ | +        | -             | $\vdash$ | +        | +              | +            | +   |  |
| ŀ   |                 | 40       |           | $\perp$        | 士       |         |          |                 | $\exists$    |          |          | 90  |               |                 |                | $\exists$ | $\exists$ | 士   | $\pm$        |             |          | 140        | 廿               |          |               |          |          |                | 上            | ]   |  |
| [   |                 | 41       | $\Box$    | $\blacksquare$ | $\perp$ |         |          |                 | ightharpoons |          |          | 91  |               |                 | $\Box$         | 7         | $\Box$    | $\perp$   | Ţ            | 7           |          | 141        |                 |          |               |          | $\dashv$ | $\bot$         | $\bot$       | ] . |  |
| -   |                 | 42<br>43 | $\dashv$  | +              | +       | +       | $\vdash$ | $\vdash$        | $\dashv$     | -        | -        | 92<br>93  |               | $\vdash$        | +              | +         | $\dashv$  | +-  | +            | -           | -        | 142        | $\vdash$        | +        | $\vdash$      | $\vdash$ | $\dashv$ | -              | +-           | 1   |  |
|     |                 | 44       |           |                |         |         | П        |                 | $\exists$    | <b></b>  |          | 94  |               |                 |                | $\exists$ | $\perp$   | 士   | $\perp$      | - ×         |          | 144        |                 |          |               |          | 士        | 土              |              | 1   |  |
| -   |                 | 45       |           | $\dashv$       | _       | 1       | $\Box$   | $\dashv$        | $\dashv$     | _  -     |          | 95  | _             | $\Box$          | 7              | 1         | 4         | $\perp$   | F            | 1 m         |          | 145        | П               |          | $\vdash$      | Ц        | $\dashv$ | $\bot$         |              | 4   |  |
| -   |                 | 46<br>47 | $\dashv$  | +              | +       | +       | +        | $\vdash \vdash$ | +            | $\dashv$ | -        | 96<br>97  | +             | H               | +              | +         | +         | +   | +            | 4           |          | 146        | $\vdash \vdash$ | +        | $\vdash$      | Н        | $\dashv$ | +              | +-           | 1   |  |
|     | -               | 48       | $\dashv$  | $\dashv$       | -       | +       | Н        | $\vdash$        |              | ┨.       | 1        | 08  | -             | 1 1             | +              | +         | $\dashv$  |   | +            | ┨ .         |          | 1/8        | $\vdash$        | +        | 1             | Н        | -+       | $\dashv$       | +-           | 1   |  |